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112055-0079U
17732-67320.00

REMARKS

In the Office Action of 09/05/2005, the Examiner, on page 2 of the Action, objected to claims 39, 43 in relation to claims 40 and 44, with a similar objection to claims 47 and 48 in relation to claims 47 and 48. Claims 40, 44, 47 and 48 are herein canceled to remove the objections of the Examiner.

Claims 19, 41, 45, 46, 49 and 50 were objected to for designation issues which are corrected herein. Claim 52 was corrected by the preliminary amendment made earlier.

The Office Action continued by rejecting claims 1-52 under 35 U.S.C. 102(a) as being anticipated by Applicant's prior art submissions (APA). However, dependent claims 3, 15, 22, and 34 were marked as being allowable if amended to include parent claims. In response, the limitations of the allowable claims have been added to all the independent claims and the dependent claims amended to cooperate with the amended independent claims.

In particular, the independent claims in the present application as now amended are claims 1, 13, 18, 20, 32, 37, and 39, 41-43, 45-47, and 49-52. All these claims now share a limitation equivalent to the limitations in the allowable claims. The dependent claims also were amended where necessary to make the independent and dependent claims cooperate with each other.

For example, the limitation in the allowable claim 3 (now canceled) that was added to its parent claim 1 is:

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means for adding at least two boundary bits to the serially output data word bits, wherein the added two bits always include a logic one and a logic zero in any order, and further wherein the means for connecting the pulse generator to the control input includes means for holding the signal at the control input at a constant logic level during the outputting of the at least two added bits.

All the independent claims are allowable, and it is respectfully requested that a notice of allowance be issued from the remaining claims in this application.

Please charge any additional fee occasioned by this paper to our Deposit Account

No. 03-1237.

Respectfully submitted,



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